State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-278-4 Relating to Certification of New Motor Vehicles

AUSTIN ROVER GROUP LIMITED

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1989 model-year Austin Rover Group Limited exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family	•	lacement Cubic inches)	Exhaust Emission Control Systems (Special Features)		
KAW2.7V5F029	2.7 (163)		Three-Way Catalyst Exhaust Gas Recirculation Air Injection - Valve		
			Oual Oxygen Sensors (Sequential Fuel Injection)		

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)
0.39	7.0	0.7

The following are the certification emission values for this engine family:

Hydrocarbons	Carbon Monoxide	Nitrogen Oxides		
(Grams per Mile)	(Grams per Mile)	(Grams per Mile)		
0.25	1.8	0.4		

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard by providing evidence that there are sufficient projected sales of vehicles certifying to the primary NOx emission standard, or is allowed a delay in implementation under small volume manufacturer provisions, or is allowed a delay in implementation under the "in lieu" standards, or is certifying passenger cars weighing more than 5250 lbs. loaded vehicle weight.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high aitlitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Administrative Code, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.) and with the 2 year/24,000 mile warranty provisions of Health and Safety Code Section 43204.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this

day of May 1988.

K. D. Drachand, Chief Mobile Source Division

1989 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Manufacturer Austin R	over Group	Engine Family KAW 2.7	V5F\$29
Evaporative Family 7ES1		Engine Type 4 STROKE	V6
		Liters (CID) 163 CID	/161 hp
ABBREVIATIONS			
Ignition System	Exhaust E	missions Control System	Special Features
CA-Centrifugal Advance ECU-Electronic Control Un EI-Electronic Ignition ESAC-Electronic Spark Adv Control VA-Vacuum Advance VR-Vacuum Retard Fuel System CFI, CL, DID, DIP, EFI, M nV-nVenturi Carburetor	AIV-Air In DBC-Dual In DBC-Dual In DBC-Dual In DBC-Dual In EGR-Exhausted EIC-Electric EM-Engine OC-Oxidat OS-Oxygen HOS-Heated SPL-Smoke Throttle TOC-Trap TOC-Trap TWC-Three WUOC-Warm WUTWC-Warm WUTWC-Warm	d Oxygen Sensor Puff Limiter or	CCV-Combustion Chamber Valve CFI-Central Fuel Injection or Throttle Body Injection DID-Diesel Injection- Direct DIP-Diesel Injection- Prechamber EFI-Electronic Fuel Injection IC-Intercooler or Aftercooler MFI-Mechanical Fuel Injection OBD-On-Board Diagnostics TC-Turbocharger
VEHICLE MODELS:	•		
STERL	ING 827-MA	NUAL TRANSMISSION	
STERL	ING 827-AU	GOMATIC TRANSMISSI	01

 Engine: Front ______

 Mid. _______
 Rear _______

 Drive: FWD _______

 4WD Full Time _______
 4WD Part Time _______

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	1989	AIR RE	SOURCES BO	ARD SUPPLEMENT	AL DATA SHEET	E.O. # <u>A</u>	
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	rer <u>Austin Ro</u>	,	•		_		
) 163 CID		1		Type 4 STRC		
Emission (Control Sys. (Spe	cial Feat	ures) <u>T</u>	IC /AIV/E	GS/EGR/F	I	
	<u>, </u>	1		T			<u> </u>
Engine	Vehicle Models	Trans.	Equiv.	Ign. System	Fuel System	EGR Valve	Catalys
Code	(If Coded see attachment)	Туре	Test Weight	(ECU)	(ECU)		_
	(Dyno Hp)			Part No.	Part No.	Part No.	Part No.
76 USCM-1		MANUAL	35¢¢	N/A	EDP 9876	EMP9185	DJP Ø23
1-A26719t	(7.4)	AUTO	35¢¢	N/A	EDP 9877	EMP9185	DJP \$23
may party	STERLING						
-	827						
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Please refe	See page one for r to manufacture	r's HP 11	st for co	rrect dyno tes	t HP settings	based on mod	lel and
equipment.	If two test wei	ynts are	isted, ti	ne lower weigh	t will be used	i for testing	

Revisions:

Date of Issue ___